

# Oversigt over videnskabelig produktion

ILSORM  
J.nr.: 080-2006-1

Styregruppemøde 28 Oktober 20

## 1. NØGLETAL - VIDENSKABELIG PRODUKTION

Dato	17-Nov-09	20-May-10	29-Oct-10	25-May-11	28-Oct-11				
<b>Peer-reviewed artikler pr. dato</b>									
Antal publiceret	1	1	3	4	4				
Antal i peer-review	3	4	2	4	5				
Antal under udarbejdelse	9	7	7	4	3				
<b>Patenter pr. dato</b>									
Antal indleveret	0	0	0	0	1				
Antal godkendt	0	0	0	0	0				
<b>Akademiske grader pr. dato</b>									
Antal igangsatte ph.d.-forløb									
Antal ph.d.'er uddannet									
Antal kandidatafhandling									
Antal bacheloropgaver o.lign.									

## 2. PEER REVIEWED PUBLIKATIONER

Forfatter(e), titel, tidsskrift, nr., dato/år mv.	sæt x		
	Under udarbejdelse	I peer-review	Publicere
<b>Sub-project 2</b>			
1. K.M. Moyes, N.C. Friggens and K.L. Ingvarsten, Nutritional strategies to combat physiological imbalance of dairy cows during early lactation: The effect of changes in dietary protein to starch-ratios. Acta Agriculturae Scandinavica A. 2010, 60: 166-174.			x
2. T. Larsen and K.M. Moyes, Fluorometric determination of uric acid in bovine milk, Journal of Dairy Research, 77:438-444.			x
3. Bjerre-Harpøth, V., Friggens, N.C., Thorup, V.M., Larsen, T., Damgaard, B.M., Ingvarsten, K.L., Moyes, K.M., 2011. Metabolic and production profiles of dairy cows in response to decreased nutrient density to increase physiological imbalance at different stages of lactation. Journal of Dairy Science.		x	
5. K.M. Moyes, E. Bendixen, M. C. Codrea and K.L. Ingvarsten, Identification of hepatic biomarkers for physiological imbalance of dairy cows in early and mid-lactation using proteomic technology. Journal of Proteomics	x		
<b>Sub-project 3</b>			
1. V.M.Thorup, D.Edwards and N.Friggens: On-farm estimation of energy balance in dairy cows using frequent body weight measurements and body condition score		x	
2. V.M.Thorup, S. Højsgaard and N. Friggens: Validation of an energy balance model for dairy cows using frequent body weights and body condition scores	x		
<b>Sub-project 4</b>			
1. Edwards, Abreu abd Laboriau (2009) Selecting high-dimensional mixed graphical models using minimal AIC or BIC forests; submitted to BMC Bioinformatics		x	
2. Højsgaard (2011) Graphical Independence Networks with the gRain package for R; To appear in J. Stat. Soft.		x	
3. Højsgaard, Friggens (2010) Quantifying Degree of Mastitis from Common Trends in a Panel of Indicators for Mastitis in Dairy Cows. Journal of Dairy Science			x
4. Lenth, R., Højsgaard S. (2011) Reproducible statistical analysis with multiple languages, Computational Statistics			x
5. Højsgaard et. al. Robust estimation methods for dynamical factor analysis models	x		

Forfatter(e), titel, tidsskrift, dato o. lign.

1.	
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### 4. KONFERENCER, MØDER, WORKSHOPS, PRÆSENTATIONER ETC.

**Titel, emne, deltagere, evt. bidrag (abstracts, præsentationer, posters etc.), dato o. lign.**

1.	Herd navigator-et kig under motorhjælmen. Temamøde 7.februar 2008. Århus Universitet. Det Jordbrugsvidenskabelige Fakultet
	Late breaking: Identifying new biomarkers in liver for monitoring physiological imbalance and the response to feed restriction for cows in early lactation, K.L.Ingvartsen, E. Bendixen, M.C. Codrea, and K.M. Moyes. ADSA Ann. Meet., July 11-15, Denver, CO, USA, 2010. Abstract/Poster
2.	Moyes. ADSA Ann. Meet., July 11-15, Denver, CO, USA, 2010. Abstract/Poster
	Stage of lactation alters production responses of cows subjected to feed restriction. V. Bjerre-Harpøth, N.C. Friggens, V.M. Thorup, K.L. Ingvartsen, and K.M. Moyes. ADSA Ann. Meet., July 11-15, Denver, CO USA, 2010. Abstract/Poster
3.	Stage of lactation alters metabolic profiles in blood and liver of cows subjected to feed restriction. K.M. Moyes, V. Bjerre-Harpøth, N.C. Friggens, B.M. Damgaard, and K.L. Ingvartsen. EAAP Ann. Meet., August 23-27, Heraklion, Crete, Greece. Abstract/Poster
4.	Identification of hepatic biomarkers for physiological imbalance of dairy cows in early and mid-lactation using proteomic technology. K.M. Moyes, E. Bendixen, M.C. Codrea, and K.L. Ingvartsen, OSK 2011
5.	On-farm estimation of energy balance in dairy cows using frequent body weight measurements and body condition score. V.M.Thorup, D.Edwards and N.Friggens. ISNH 2011. Aberystwyth, UK, Sept. 6-9, abstract and poster.
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### 5. PATENTER

Titel/emne/indhold	Under udarbejdelse	Indleveret	Godkendt	Afvist
1. Measurement of physiological imbalance based on component(s) measured in milk and its use in cow health and production management.		x		
2.				

### 6. ANDRE AKTIVITETER, FX PRESSE, FORRETNINGSAKTIVITETER, MØDER, MESSER, KURSER mv.

**Aktivitet, deltager, dato el. lign.**

1.	TV-udsendelse om robotter i Landbruget, hvor der var stor fokus på malkebotter og potentialet Herd navigator. Sendt første gang 23/9-10 på Kanal Østjylland (se <a href="http://kfc-dk/sider/Nyhedsarkiv/andre_aktiviteter/LandTV_omtale_sept10.htm">http://kfc-dk/sider/Nyhedsarkiv/andre_aktiviteter/LandTV_omtale_sept10.htm</a> )
	Extension Newsletter: How do cows in different stages of lactation adapt to changes in energy supply? (In Danish). K.M. Moyes and K.L. Ingvartsen. 2010. Ny KvægForskning. Kvægbrugets Forsøgscenter and Aarhus University. August Issue.
3.	Extension Newsletter: Are cows in early lactation more or less flexible in their ability to cope with changes in dietary protein and starch? (In Danish). 2010. K.M. Moyes and K.L. Ingvartsen. Ny KvægForskning, Kvægbrugets Forsøgscenter and Aarhus University. March Issue.
4.	
5.	DR2. Gal eller Genial. May 2010
6.	Extension Newsletter: Ny enkel metode til beregning af koens energibalance. 2011. V.M.Thorup. Ny KvægForskning. Kvægbrugets Forsøgscenter and Aarhus University. August Issue.
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